

PATENT

ζ o	IN THE UNITED STATES	PATENT AND TRADEMARK OFFICE	5 D
7		Docket No- <u>ORCH 0182 PUS</u>	م
,		DOCKET NO: OKCH DIPE POZ	— ო <u>'</u> 2
		Anticipated Classification of this application	00 U.
		ClassSubclass	- 62
		Prior application:	Ĵ
		Examiner: Art Unit:	
	commissioner		
for Pa	tents Application		
	D.C. 20231		
	FILING UND	ER 37 CFR 1.53(b)	
WARNING:	A c-i-p (continuation-in-pa	rt) cannot be filed under 37 CFR 1.53.	
WARNING:	Filing under 37 CFR 1.53 is permitted only if filed by the same or less than all the inventors named in the prior application.		
WARNING:	The filing of an application as the United States stage of an International Application requires an oath or declaration. 37 CFR 1.61(a)(4).		
WARNING:	The claims of this new application may be finally rejected in the first Office action where all claims of the new application are drawn to the same invention claimed in the earlier application and would have been properly finally rejected on the grounds or art of record in the next Office action if they had been entered in the earlier application. MPEP '706.07(b).		
This	request for filing a		
	X Continuatio	n Divisional	
application	under 37 CFR 1.53, of pending	prior application serial no. <u>09/321-170</u> fil	ed on
05/27/99	of	Robert D. Juncosa, et al.	
	<u>c Assay System</u> :le of invention)	(inventor(s))	

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this 37 CFR 1.53 request and the documents referred to as attached therein are being deposited with the United States Postal Service on this date April 27, 2001 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR 1.10, Mailing Label Number EL 819994945 US addressed to the: Assistant Commissioner for Patents, Box Patent Application, Washington, p.C.20231.

mailing paper) ame of

(Signature of paper)

NOTE: Each paper or fee filed by "Express Mail" must have the number of the Express Mail" mailing label placed thereon prior to mailing. (37 CFR 1.10(b)).

(37 CFR 1.53Bpage 1 of 8)

NOTE: 37 (FR 1.53 permits the omission of a declaration only if the prior application was complete as set forth in 37 (FR 1.51(a), namely, the prior application comprised at least (1) a specification, including a claim or claims; (2) a declaration; (3) drawings when necessary; and (4) the prescribed filing fee. Accordingly, as presently worded, 37 (FR 1.53 does not permit this procedure to be used where the prior application is pending but only the processing and retention fee required by 37 (FR 1.21(1) is paid or where the declaration was not filed.

- 1. Copy of Prior Application as Filed Which is Attached
- NOTE: Under 37 CFR 1.53 practice signing and execution of the application by the applicant may be omitted provided the copy is supplied by and accompanied by a statement by the applicant or his or her attorney or agent that the application papers comprise a true copy of the prior application as filed and that no amendments referred to in the declaration filed to complete the prior application introduced new matter therein.
- NOTE: This statement need not be verified if made by an attorney registered to practice before the PTO. (37 CFR 1.53(b)).
 - ___X __I hereby verify that the attached papers are a true copy of what is shown in my records to be the above identified prior application, including the oath or declaration originally filed (37 CFR 1.53).

The copy of the papers of prior application as filed which are attached are as follows:

c copy of one papers o	. P. 10. application at the action and action and action and action and action and action and action action and action action and action actio
<u>2L</u> page(s)	of specification
3 page(s)	of claims
<u>l</u> page(s) o	f abstract
<u>ll</u> page(s) o (Also co	f drawing mplete part & below if drawings are to be transferred)
pages of d	eclaration and power of attorney
	he declaration being filed does not show applicant's signature was signed and complete the following:
	nce with the indication required by 37 (FR 53(b) my records reflect riginal signed declaration showing applicant's signature was filed
	ment referred to in the declaration filed to complete the prior n and I hereby state, in accordance with the requirements of 37 CFR

2. Amendments

WARNING:

in

"The claim of a new application may be finally rejected in the first Office action in those situations where (1) the new application is a continuing application of or a substitute for an earlier application and (2) all the claims of the new application (a) are drawn to the same invention claimed in the earlier application and (b) would have been properly finally rejected on the grounds or art of record in the next Office action if they had been entered in the earlier application." MPEP '70b.07(b).

Cancel in this application original claims ______ of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)

1.53(b), that this amendment did not introduce new matter therein-

- X A preliminary amendment is enclosed. (Claims added by this amendment have been properly numbered consecutively beginning with the number next following the highest numbered original claim in the prior application.)
- NOTE: Only amendments reducing the number of claims or adding a reference to the prior application (Rule 1.78(a)) will be entered before calculating the filing fee and granting the filing date. 37 CFR 1.53(b).
- NOTE: "When filing under Rule 1.53 retain at least one original claim from the patent application to assure a complete application." Notice of March 3, 1986 (1064 0.6. 37-38).

3.	Petition for Suspension o			
NOTE:	Where it is possible that the claims on file will give rise to a first action final for this continuation application and for some reason an amendment cannot be filed promptly (e.g., experimental data is being gathered) it may be desirable to file a petition for suspension of prosecution for the time necessary).			
	(check	k the next item, if ap	plicable)	
	There is provided	herewith a Petition 1	To Suspend Prosecut	tion For The Time
	Necessary to File	Application Filed Conc		
4.	Fee Calculation (37 CFR 1	.16)		
			Small Entity	Large Entity
	No. Filed	No. Extra	Fee \$355	Fee \$710.00
	sic Fee tal Claims 15 -20	0	x9 =	x18 =
	ep. Claims 4 -3	1	x40 =	x80 = \$80.00
	tiple Dependent Claims		+135 =	+270 =
			TOTAL	TOTAL \$790.00
NOTE:	Fee for extra cla	aims is not being paid ims are not paid on fi		
	cancelled by amendment, p by the PTO in any notice	rior to the expiration	of the time period	d set for response
			Filing Fee Calcula	tion
5.	Small Entity Status			
	A verified stateme	ent that this filing is	s by a small entity	:
	is attached			
	has been filed in desired (37 CFR 1.28(a))	the parent application	and such status is	s still proper and
		Filing Fee	Calculation (50%	of above) \$
NOTE:	Any excess of the full for within ≥ months of the dar will be refunded on reque	te of timely payment of		
NOTE:	37 (FR 1.28(a), last sent must include a reference as a small entity is stil	to a verified statemen	nt in a parent appl	
6.	Drawings			
WARNIN	G: Do not check the follo	wing box if prior case	is not to be aband	doned.
	subject to item 17 accorded this appl filing in the pri applicant, (2) as	ings from the prior a below, abandon said pr lication. A duplicate o or application file. ssignee of record or FR 1.138 and before pa	ior application as copy of this reques (May only be used (3) attorney or	of the filing date t is enclosed for if signed by (1) agent of record
			(37 CFR	1.53Bpage 3 of 8)

NOTE: "A registered attorney or agent acting under the provisions of 'l.34(a), or of record, may also expressly abandon a prior application as of the filing date granted to a continuing application when filing such a continuing application." 37 CFR l.134.

_____Transfer the following sheet(s) of drawing from the prior application to this application

NOTE:	Transferred sheets must be cancelled in prior application. 37 CFR 1.88.
	A copy of the amendment cancelling these sheets of drawing in the prior application is attached.
	XNew drawings are enclosed:
	X formal
	informal
WARNII	NG: DO NOT submit original drawings. A high quality copy of drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards of '1.84. If corrections to the drawings are necessary, they should be made to the original drawings and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. Comments on proposed new 37 CFR 1.84. Notice of March 9, 1988 (1090 0.6. 57-62).
NOTE:	"Identifying indicia such as the serial number, group art unit, title of the inventor, attorney's docket number, inventor's name, number of sheets, etc. not to exceed 2-3/4 inches (7.0 cm.) in width may be placed in a centered location between the side edges within three-fourths inch (19.1 mm.) of the top edge. Either this marking technique on the front of the drawing or the placement, although not preferred, of this information and the title of the invention on the back of the drawings is acceptable." Proposed 37 (FR 1.84(1). Notice of March 9, 1988 (1090 0.6.57-62).
7.	Priority - 35 U.S.C. 119
	Priority of application serial no. 0 / filed on in is claimed under 35 U·S·C· 119. (country)
	The certified copy has been filed in prior U.S. application serial no. 0 /
	The certified copy will follow.
8.	Relate Back - 35 U.S.C. 120
	X The enclosed Preliminary Amendment awards the specification to relate back to the parent case.

NOTE: The proper reference to a prior filed PCT application which entered the U.S. national phase is the

9.	Inventorship Statement
NOTE:	If the continuation or divisional application is filed by less than all the inventors named in the prior application a statement must accompany the application when filed requesting deletion of the names of the person or persons who are not inventors of the invention being claimed in the continuation or divisional application. 37 CFR 1.53(b) Lemphasis added1.
	(complete appropriate items (a) and (b))
(a)	With respect to the prior copending U-S- application from which this application claims benefit under 35 USC 120 the inventor(s) in this application is (are):
	(complete applicable item below)
	Xthe same
	less than those named in the prior application and it is requested that the following inventor(s) identified above for the prior application be deleted:
	(Type name(s) of inventor(s) to be deleted)
(b)	The inventorship for all the claims in this application are:
	Xthe same
	not the same, and an explanation, including the ownership of the various claims at the time the last claimed invention was made, is submitted.
10.	Assignment
	XThe prior application is assigned of record toOrchid BioSciences, Inc.
	an assignment of the invention tois attached.
11.	Fee Payment Being Made At This Time
	Not Enclosed
	No filing fee is submitted. (This and the surcharge required by 37 CFR l.lb(e) can be paid subsequently).
	XEnclosed
	X basic filing fee \$\frac{790.00}{}
	recording assignment (\$40.00% 37 CFR 1.21(h)) \$
	processing and retention fee (\$130.00; 37 CFR 1.53(d) and 1.21(1)) \$=
NOTE:	(37 CFR 1.53Bpage 5 of 8) 37 CFR 1.21(1) establishes a fee for processing and retaining any application which is abandoned for failing to complete the application pursuant to 37 CFR 1.53(d) and this, as well as the changes to 37 CFR 1.53 and 1.78 indicate that in order to obtain

ch in the benefit of a prior U-S. application, either the basic filing fee must be paid or else the processing and retention fee of 'l-2l(l) must be paid within l year from notification under '53(d).

Total fees enclosed

<u>\$ 790.00</u>

12.	Method	of Payment of Fees
	X	enclosed is a check in the amount of \$ 790.00
		_charge Account No in the amount of \$ A duplicate of this request is attached.
NOTE:		would be itemized in such a manner that is clear for which purpose the fees are $37\ \text{CFR}\ 3.22(b)$.
13.	Authori	zation To Charge Additional Fees
WARNING	3:	If no fees are being paid on filing do not complete this item.
WARNING	3:	Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges if extra claim charges are authorized.
	X	The Commissioner is hereby authorized to charge the following additional fees which may be required by this paper and during the entire pendency of the application to Account No
	X	_37 CFR l·lb(a), (f) or (g) (filing fees)
	X	_37 CFR $1.16(b)$, (c) and (d) (presentation of extra claims)
NOTE:	or on : prior t of fee	e additional fees for excess or multiple dependent claims not paid on filing later presentation must only be paid or these claims cancelled by amendment to the expiration of the time period set for response by the PTO in any notice deficiency (37 CFR 1.16(d)) it might be best not to authorize the PTO to additional claim fees, except possibly when dealing with amendments after action.
		_37 CFR 1.17 (application processing fees)
WARNING	} :	While 37 CFR 1-17(a), (b), (c) and (d) deal with extensions of time under '1-136(a) this authorization should be made only with the knowledge that: "Submission of the appropriate extension fee under 37 CFR 1-136(a) is to no avail unless a request or petition for extension is filed." [emphasis added]. Notice of November 5, 1985 (1060 E.G. 27).
		.37 CFR 1.18 (issue fee at or before mailing Notice of Allowance, pursuant to 37 CFR 1.3L1(b)).
NOTE:	before charged	In authorization to charge the issue fee to a deposit account has been filed the mailing of a Notice of Allowance, the issue fee will be automatically I to the deposit account at the time of mailing the Notice of Allowance. 37 (LL(b)).
NOTE:	entitle paying (a) not	1.28(b) requires "Notification of any change in status resulting in loss of ment to small entity status must be filed in the applicationprior to or at the time of payingissue fee." From the wording of 37 CFR 1.28(b): ification of change of status must be made even if the fee is paid as "other small entity" and (b) no notification is required if the change is to another entity.
14.	Power o	of Attorney
	X	The power of attorney in the prior application is to
		Kevin G. Mierzwa 38,049 Attorney Reg. No.
a•	X	Attorney Reg. No. The power appears in the original papers in the prior application.
b.		Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.

(37 CFR 1.53Bpage 6 of 8)

	dX_Address all future communications to:
	Kevin G. Mierzwa, Esq. Artz & Artz, P.C. 28333 Telegraph Road, Suite 250 Southfield, MI 48034
	(Item d may only be completed by applicant, or attorney or agent of record)
15.	Maintenance of Copendency of Prior Application
(This i	item must be completed and the papers filed in the prior application if the period set prior application has run)
	A petition, fee and response has been filed to extend the term in the pending prior application until
NOTE:	The PTO finds it useful if a copy of the petition filed in the prior application extending the term for response is filed with the papers constituting the filing of the Continuation Application. Notice of November 5_1 1985 (1060 0.6. 27).
	A copy of the petition for extension of time in the prior application is attached
16.	Conditional Petition for Extension of Time in Prior Application
(comple	ete this item and file conditional petition in the prior application if previous item olicable)
	a conditional petition for extension of time is being filed in the pending parent application.
NOTE:	The PTO finds it useful if a copy of the petition filed in the prior application extending the term for response is filed with the paper constituting the filing of the continuation application. Notice of November 5_1 1985 (1060 0.6. 27).
	A copy of the conditional petition for extension of time in the prior application is attached.
17.	Abandonment of Prior Application (if applicable)
WARNING	Go not complete this item if the application being filed is a divisional of the prior application which is not being abandoned)
NOTE:	"A registered attorney or agent acting under the provisions of '1.34(a), or of record, may also expressly abandon a prior application as of the filing date granted to a continuing application when filing such a continuing application." 37 CFR 1.138.
	Please abandon the prior application at a time while the prior application is pending or when the petition for extension of time or to revive in that application is granted and when this application is granted a filing date so as to make this application copending with said prior application.

c. ____A new power has been executed and is attached.

I hereby declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

	<u>Kevin G. Mierzwa</u>
	Type or print name of person signing
4/27/01	X-DMm
Date''	Sigwature
P.O. Address of Signatory	Inventor
28333 Telegraph Road Suite 250 Southfield, Michigan 48034	Assignee of complete interest
Tel· No·: (248) 223-9500	
on behalf of	Person authorized to sign
Req. No. 38.1049	assignee
(if applicable)	X Attorney or agent of record
	Filed under Rule 34(a)
(complete the follow	ing if applicable)
Orchid BioSciences, Inc. Type name of assignee	
Address of assignee 303 College Road East Princeton, New Jersey 08540	
Title of person authorized to sign on behalf of assignee	
Assignment recorded in PTO on	
Reel Frame	